

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091219AL\  
 Data File : FD030658.D  
 Signal(s) : FID2B.CH  
 Acq On : 12 Sep 2019 18:37  
 Sample : K4663-05D  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 090319.M  
 Title : GC Extractables

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.503       | 3.488        | 3.568      | VV       | 127            | 1666         | 0.04%          | 0.001%        |
| 2         | 3.602       | 3.588        | 3.658      | PV       | 289            | 2986         | 0.06%          | 0.002%        |
| 3         | 3.676       | 3.658        | 3.688      | PV       | 387            | 5126         | 0.11%          | 0.003%        |
| 4         | 3.691       | 3.688        | 3.762      | VV       | 413            | 8149         | 0.18%          | 0.005%        |
| 5         | 3.794       | 3.762        | 3.829      | VV       | 307            | 5005         | 0.11%          | 0.003%        |
| 6         | 3.841       | 3.829        | 3.855      | VV       | 132            | 1306         | 0.03%          | 0.001%        |
| 7         | 3.885       | 3.855        | 3.944      | PV       | 290            | 4881         | 0.11%          | 0.003%        |
| 8         | 3.966       | 3.944        | 4.039      | VV       | 2086           | 31022        | 0.67%          | 0.018%        |
| 9         | 4.052       | 4.039        | 4.094      | VV       | 311            | 6782         | 0.15%          | 0.004%        |
| 10        | 4.113       | 4.094        | 4.139      | VV       | 590            | 9794         | 0.21%          | 0.006%        |
| 11        | 4.166       | 4.139        | 4.233      | VV       | 544            | 15450        | 0.33%          | 0.009%        |
| 12        | 4.240       | 4.233        | 4.264      | VV       | 225            | 1916         | 0.04%          | 0.001%        |
| 13        | 4.277       | 4.264        | 4.335      | VV       | 138            | 3683         | 0.08%          | 0.002%        |
| 14        | 4.369       | 4.335        | 4.393      | VV       | 450            | 8178         | 0.18%          | 0.005%        |
| 15        | 4.408       | 4.393        | 4.423      | VV       | 342            | 4510         | 0.10%          | 0.003%        |
| 16        | 4.440       | 4.423        | 4.495      | VV       | 387            | 9492         | 0.20%          | 0.006%        |
| 17        | 4.514       | 4.495        | 4.538      | PV       | 461            | 5719         | 0.12%          | 0.003%        |
| 18        | 4.545       | 4.538        | 4.555      | VV       | 185            | 1528         | 0.03%          | 0.001%        |
| 19        | 4.579       | 4.555        | 4.724      | VV       | 768            | 17770        | 0.38%          | 0.010%        |
| 20        | 4.741       | 4.724        | 4.799      | VV       | 224            | 6024         | 0.13%          | 0.003%        |
| 21        | 4.817       | 4.799        | 4.874      | VV       | 294            | 6206         | 0.13%          | 0.004%        |
| 22        | 4.916       | 4.895        | 4.938      | PV       | 180            | 2545         | 0.05%          | 0.001%        |
| 23        | 4.958       | 4.938        | 4.973      | PV       | 265            | 3597         | 0.08%          | 0.002%        |
| 24        | 4.993       | 4.973        | 5.030      | VV       | 1422           | 15913        | 0.34%          | 0.009%        |
| 25        | 5.051       | 5.030        | 5.088      | VV       | 665            | 9448         | 0.20%          | 0.005%        |
| 26        | 5.102       | 5.088        | 5.145      | VV       | 247            | 4373         | 0.09%          | 0.003%        |
| 27        | 5.184       | 5.145        | 5.202      | VV       | 384            | 6399         | 0.14%          | 0.004%        |
| 28        | 5.218       | 5.202        | 5.271      | PV       | 575            | 8687         | 0.19%          | 0.005%        |
| 29        | 5.282       | 5.271        | 5.312      | VV       | 135            | 2135         | 0.05%          | 0.001%        |
| 30        | 5.361       | 5.327        | 5.380      | VV       | 218            | 2768         | 0.06%          | 0.002%        |
| 31        | 5.396       | 5.380        | 5.418      | PV       | 413            | 6396         | 0.14%          | 0.004%        |
| 32        | 5.436       | 5.418        | 5.478      | VV       | 989            | 16066        | 0.35%          | 0.009%        |
| 33        | 5.491       | 5.478        | 5.544      | VV       | 442            | 7543         | 0.16%          | 0.004%        |
| 34        | 5.576       | 5.544        | 5.635      | VV       | 356            | 6021         | 0.13%          | 0.003%        |
| 35        | 5.693       | 5.635        | 5.714      | PV       | 462            | 12389        | 0.27%          | 0.007%        |
| 36        | 5.725       | 5.714        | 5.752      | VV       | 300            | 4875         | 0.11%          | 0.003%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.766 | 5.752 | 5.776 | VV | 192    | 2014  | 0.04% | 0.001% |
| 38 | 5.785 | 5.776 | 5.816 | VV | 166    | 2973  | 0.06% | 0.002% |
| 39 | 5.842 | 5.816 | 5.869 | VV | 301    | 4616  | 0.10% | 0.003% |
| 40 | 5.897 | 5.869 | 5.918 | PV | 194    | 3720  | 0.08% | 0.002% |
| 41 | 5.943 | 5.918 | 6.015 | VV | 1710   | 26057 | 0.56% | 0.015% |
| 42 | 6.031 | 6.015 | 6.052 | VV | 198    | 2664  | 0.06% | 0.002% |
| 43 | 6.090 | 6.052 | 6.143 | VV | 485    | 10674 | 0.23% | 0.006% |
| 44 | 6.157 | 6.143 | 6.170 | VV | 162    | 1910  | 0.04% | 0.001% |
| 45 | 6.217 | 6.170 | 6.278 | VV | 561    | 16485 | 0.36% | 0.010% |
| 46 | 6.295 | 6.278 | 6.345 | VV | 308    | 8831  | 0.19% | 0.005% |
| 47 | 6.372 | 6.345 | 6.468 | VV | 646    | 14802 | 0.32% | 0.009% |
| 48 | 6.521 | 6.468 | 6.538 | VV | 369    | 9232  | 0.20% | 0.005% |
| 49 | 6.561 | 6.538 | 6.625 | VV | 275    | 8223  | 0.18% | 0.005% |
| 50 | 6.646 | 6.625 | 6.668 | VV | 365    | 5168  | 0.11% | 0.003% |
| 51 | 6.697 | 6.668 | 6.718 | PV | 325    | 5850  | 0.13% | 0.003% |
| 52 | 6.742 | 6.718 | 6.753 | VV | 240    | 4370  | 0.09% | 0.003% |
| 53 | 6.769 | 6.753 | 6.795 | VV | 483    | 6468  | 0.14% | 0.004% |
| 54 | 6.804 | 6.795 | 6.817 | VV | 100    | 1449  | 0.03% | 0.001% |
| 55 | 6.894 | 6.817 | 6.911 | VV | 473    | 15066 | 0.32% | 0.009% |
| 56 | 6.931 | 6.911 | 6.962 | VV | 486    | 12416 | 0.27% | 0.007% |
| 57 | 6.973 | 6.962 | 6.977 | VV | 571    | 4060  | 0.09% | 0.002% |
| 58 | 6.993 | 6.977 | 7.015 | VV | 1084   | 13678 | 0.29% | 0.008% |
| 59 | 7.032 | 7.015 | 7.051 | VV | 283    | 5280  | 0.11% | 0.003% |
| 60 | 7.070 | 7.051 | 7.107 | VV | 475    | 8890  | 0.19% | 0.005% |
| 61 | 7.126 | 7.107 | 7.148 | VV | 998    | 12526 | 0.27% | 0.007% |
| 62 | 7.162 | 7.148 | 7.210 | VV | 517    | 10700 | 0.23% | 0.006% |
| 63 | 7.226 | 7.210 | 7.251 | VV | 226    | 4014  | 0.09% | 0.002% |
| 64 | 7.290 | 7.251 | 7.340 | VV | 821    | 19362 | 0.42% | 0.011% |
| 65 | 7.355 | 7.340 | 7.396 | VV | 224    | 4933  | 0.11% | 0.003% |
| 66 | 7.418 | 7.396 | 7.428 | PV | 181    | 2181  | 0.05% | 0.001% |
| 67 | 7.435 | 7.428 | 7.442 | VV | 197    | 1139  | 0.02% | 0.001% |
| 68 | 7.462 | 7.442 | 7.498 | VV | 341    | 7208  | 0.16% | 0.004% |
| 69 | 7.516 | 7.498 | 7.533 | VV | 253    | 3564  | 0.08% | 0.002% |
| 70 | 7.697 | 7.681 | 7.751 | VV | 1171   | 35257 | 0.76% | 0.020% |
| 71 | 7.758 | 7.751 | 7.832 | VV | 560    | 17060 | 0.37% | 0.010% |
| 72 | 7.890 | 7.832 | 7.903 | VV | 961    | 22089 | 0.48% | 0.013% |
| 73 | 7.910 | 7.903 | 7.951 | VV | 642    | 13379 | 0.29% | 0.008% |
| 74 | 7.980 | 7.951 | 8.020 | VV | 924    | 23678 | 0.51% | 0.014% |
| 75 | 8.082 | 8.020 | 8.096 | VV | 1787   | 41297 | 0.89% | 0.024% |
| 76 | 8.111 | 8.096 | 8.122 | VV | 1559   | 20453 | 0.44% | 0.012% |
| 77 | 8.136 | 8.122 | 8.186 | VV | 2138   | 46766 | 1.01% | 0.027% |
| 78 | 8.315 | 8.302 | 8.335 | VV | 685    | 9080  | 0.20% | 0.005% |
| 79 | 8.351 | 8.335 | 8.362 | VV | 469    | 5374  | 0.12% | 0.003% |
| 80 | 8.378 | 8.362 | 8.418 | VV | 449    | 7759  | 0.17% | 0.004% |
| 81 | 8.557 | 8.538 | 8.588 | VV | 2773   | 41628 | 0.90% | 0.024% |
| 82 | 8.607 | 8.588 | 8.641 | VV | 1052   | 25316 | 0.55% | 0.015% |
| 83 | 8.685 | 8.641 | 8.712 | VV | 1015   | 31567 | 0.68% | 0.018% |
| 84 | 8.744 | 8.712 | 8.761 | VV | 515    | 11153 | 0.24% | 0.006% |
| 85 | 8.797 | 8.761 | 8.814 | VV | 1007   | 19300 | 0.42% | 0.011% |
| 86 | 8.833 | 8.814 | 8.851 | VV | 1231   | 18072 | 0.39% | 0.010% |
| 87 | 8.872 | 8.851 | 8.938 | VV | 1358   | 40822 | 0.88% | 0.024% |
| 88 | 8.970 | 8.938 | 8.990 | VV | 2191   | 31576 | 0.68% | 0.018% |
| 89 | 9.005 | 8.990 | 9.039 | VV | 1081   | 16653 | 0.36% | 0.010% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 90  | 9.063  | 9.039  | 9.084  | VV | 709    | 10036   | 0.22%   | 0.006% |
| 91  | 9.118  | 9.084  | 9.135  | VV | 1132   | 15523   | 0.33%   | 0.009% |
| 92  | 9.152  | 9.135  | 9.181  | VV | 1498   | 21262   | 0.46%   | 0.012% |
| 93  | 9.203  | 9.181  | 9.235  | VV | 1529   | 20061   | 0.43%   | 0.012% |
| 94  | 9.255  | 9.235  | 9.276  | VV | 760    | 10669   | 0.23%   | 0.006% |
| 95  | 9.297  | 9.276  | 9.318  | VV | 892    | 11526   | 0.25%   | 0.007% |
| 96  | 9.338  | 9.318  | 9.395  | VV | 2791   | 52910   | 1.14%   | 0.031% |
| 97  | 9.416  | 9.395  | 9.448  | VV | 1207   | 21450   | 0.46%   | 0.012% |
| 98  | 9.479  | 9.448  | 9.511  | VV | 1577   | 32728   | 0.71%   | 0.019% |
| 99  | 9.540  | 9.511  | 9.561  | VV | 647    | 16083   | 0.35%   | 0.009% |
| 100 | 9.596  | 9.561  | 9.631  | VV | 937    | 22098   | 0.48%   | 0.013% |
| 101 | 9.660  | 9.631  | 9.724  | VV | 1084   | 37801   | 0.81%   | 0.022% |
| 102 | 9.745  | 9.724  | 9.770  | VV | 3396   | 45649   | 0.98%   | 0.026% |
| 103 | 9.779  | 9.770  | 9.799  | VV | 850    | 10787   | 0.23%   | 0.006% |
| 104 | 9.819  | 9.799  | 9.833  | VV | 463    | 8424    | 0.18%   | 0.005% |
| 105 | 9.847  | 9.833  | 9.884  | VV | 456    | 8030    | 0.17%   | 0.005% |
| 106 | 9.914  | 9.884  | 9.948  | VV | 500    | 9637    | 0.21%   | 0.006% |
| 107 | 9.953  | 9.948  | 9.972  | VV | 182    | 1784    | 0.04%   | 0.001% |
| 108 | 10.017 | 9.972  | 10.038 | PV | 227    | 5449    | 0.12%   | 0.003% |
| 109 | 10.079 | 10.038 | 10.107 | VV | 838    | 18266   | 0.39%   | 0.011% |
| 110 | 10.131 | 10.107 | 10.154 | VV | 1590   | 25039   | 0.54%   | 0.015% |
| 111 | 10.185 | 10.154 | 10.197 | VV | 1527   | 25256   | 0.54%   | 0.015% |
| 112 | 10.214 | 10.197 | 10.236 | VV | 2005   | 30779   | 0.66%   | 0.018% |
| 113 | 10.254 | 10.236 | 10.293 | VV | 1354   | 27956   | 0.60%   | 0.016% |
| 114 | 10.329 | 10.293 | 10.358 | VV | 1409   | 30482   | 0.66%   | 0.018% |
| 115 | 10.384 | 10.358 | 10.420 | VV | 2115   | 47441   | 1.02%   | 0.027% |
| 116 | 10.431 | 10.420 | 10.443 | VV | 943    | 11279   | 0.24%   | 0.007% |
| 117 | 10.479 | 10.443 | 10.515 | VV | 4233   | 73761   | 1.59%   | 0.043% |
| 118 | 10.540 | 10.515 | 10.588 | VV | 2490   | 65146   | 1.40%   | 0.038% |
| 119 | 10.612 | 10.588 | 10.644 | VV | 1250   | 25095   | 0.54%   | 0.015% |
| 120 | 10.666 | 10.644 | 10.680 | VV | 509    | 8403    | 0.18%   | 0.005% |
| 121 | 10.696 | 10.680 | 10.705 | VV | 854    | 9814    | 0.21%   | 0.006% |
| 122 | 10.804 | 10.773 | 10.836 | VV | 9403   | 120165  | 2.59%   | 0.070% |
| 123 | 10.865 | 10.836 | 10.886 | VV | 970    | 24458   | 0.53%   | 0.014% |
| 124 | 10.893 | 10.886 | 10.917 | VV | 631    | 8366    | 0.18%   | 0.005% |
| 125 | 10.931 | 10.917 | 10.965 | VV | 580    | 11356   | 0.24%   | 0.007% |
| 126 | 10.983 | 10.965 | 11.000 | VV | 690    | 8299    | 0.18%   | 0.005% |
| 127 | 11.029 | 11.000 | 11.059 | VV | 1145   | 23726   | 0.51%   | 0.014% |
| 128 | 11.112 | 11.059 | 11.131 | PV | 1151   | 27883   | 0.60%   | 0.016% |
| 129 | 11.178 | 11.131 | 11.201 | VV | 4653   | 69954   | 1.51%   | 0.041% |
| 130 | 11.218 | 11.201 | 11.231 | VV | 1054   | 16022   | 0.35%   | 0.009% |
| 131 | 11.261 | 11.231 | 11.297 | VV | 3361   | 68294   | 1.47%   | 0.040% |
| 132 | 11.324 | 11.297 | 11.346 | VV | 1095   | 17012   | 0.37%   | 0.010% |
| 133 | 11.377 | 11.346 | 11.397 | VV | 1819   | 29228   | 0.63%   | 0.017% |
| 134 | 11.416 | 11.397 | 11.445 | VV | 988    | 14041   | 0.30%   | 0.008% |
| 135 | 11.495 | 11.445 | 11.518 | VV | 438448 | 4641131 | 100.00% | 2.690% |
| 136 | 11.527 | 11.518 | 11.542 | VV | 5887   | 60011   | 1.29%   | 0.035% |
| 137 | 11.558 | 11.542 | 11.592 | VV | 6424   | 85383   | 1.84%   | 0.049% |
| 138 | 11.640 | 11.592 | 11.658 | VV | 5666   | 111580  | 2.40%   | 0.065% |
| 139 | 11.675 | 11.658 | 11.690 | VV | 5380   | 62764   | 1.35%   | 0.036% |
| 140 | 11.705 | 11.690 | 11.757 | VV | 5377   | 68970   | 1.49%   | 0.040% |
| 141 | 11.779 | 11.757 | 11.798 | PV | 631    | 7559    | 0.16%   | 0.004% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 11.842 | 11.798 | 11.868 | VV | 5006   | 78500   | 1.69%  | 0.045% |
| 143 | 11.891 | 11.868 | 11.915 | VV | 5881   | 86338   | 1.86%  | 0.050% |
| 144 | 11.923 | 11.915 | 11.951 | VV | 1964   | 27838   | 0.60%  | 0.016% |
| 145 | 11.996 | 11.951 | 12.014 | VV | 2757   | 37628   | 0.81%  | 0.022% |
|     |        |        |        |    |        |         |        |        |
| 146 | 12.025 | 12.014 | 12.038 | VV | 1094   | 12441   | 0.27%  | 0.007% |
| 147 | 12.058 | 12.038 | 12.091 | VV | 2272   | 32342   | 0.70%  | 0.019% |
| 148 | 12.137 | 12.091 | 12.154 | PV | 872    | 20413   | 0.44%  | 0.012% |
| 149 | 12.172 | 12.154 | 12.185 | VV | 1451   | 18447   | 0.40%  | 0.011% |
| 150 | 12.201 | 12.185 | 12.235 | VV | 1740   | 34595   | 0.75%  | 0.020% |
|     |        |        |        |    |        |         |        |        |
| 151 | 12.268 | 12.235 | 12.292 | VV | 1391   | 39711   | 0.86%  | 0.023% |
| 152 | 12.311 | 12.292 | 12.350 | VV | 2952   | 53061   | 1.14%  | 0.031% |
| 153 | 12.374 | 12.350 | 12.398 | PV | 5166   | 64840   | 1.40%  | 0.038% |
| 154 | 12.420 | 12.398 | 12.440 | VV | 8022   | 103421  | 2.23%  | 0.060% |
| 155 | 12.479 | 12.440 | 12.508 | VV | 7790   | 152170  | 3.28%  | 0.088% |
|     |        |        |        |    |        |         |        |        |
| 156 | 12.535 | 12.508 | 12.579 | VV | 58248  | 639826  | 13.79% | 0.371% |
| 157 | 12.597 | 12.579 | 12.613 | VV | 421    | 6008    | 0.13%  | 0.003% |
| 158 | 12.635 | 12.613 | 12.647 | PV | 813    | 10635   | 0.23%  | 0.006% |
| 159 | 12.670 | 12.647 | 12.705 | VV | 4853   | 80467   | 1.73%  | 0.047% |
| 160 | 12.722 | 12.705 | 12.737 | VV | 3289   | 42092   | 0.91%  | 0.024% |
|     |        |        |        |    |        |         |        |        |
| 161 | 12.749 | 12.737 | 12.760 | VV | 2492   | 30728   | 0.66%  | 0.018% |
| 162 | 12.775 | 12.760 | 12.804 | VV | 3300   | 52823   | 1.14%  | 0.031% |
| 163 | 12.831 | 12.804 | 12.870 | VV | 65811  | 713194  | 15.37% | 0.413% |
| 164 | 12.922 | 12.870 | 12.946 | VV | 325559 | 3931121 | 84.70% | 2.278% |
| 165 | 12.961 | 12.946 | 12.985 | VV | 18408  | 216486  | 4.66%  | 0.125% |
|     |        |        |        |    |        |         |        |        |
| 166 | 13.003 | 12.985 | 13.021 | VV | 2840   | 49606   | 1.07%  | 0.029% |
| 167 | 13.034 | 13.021 | 13.058 | VV | 2134   | 29792   | 0.64%  | 0.017% |
| 168 | 13.088 | 13.058 | 13.118 | PV | 6456   | 116499  | 2.51%  | 0.068% |
| 169 | 13.136 | 13.118 | 13.149 | VV | 3490   | 50289   | 1.08%  | 0.029% |
| 170 | 13.162 | 13.149 | 13.206 | VV | 3233   | 54476   | 1.17%  | 0.032% |
|     |        |        |        |    |        |         |        |        |
| 171 | 13.227 | 13.206 | 13.240 | VV | 2675   | 31269   | 0.67%  | 0.018% |
| 172 | 13.252 | 13.240 | 13.267 | VV | 2235   | 28487   | 0.61%  | 0.017% |
| 173 | 13.288 | 13.267 | 13.313 | VV | 6171   | 97804   | 2.11%  | 0.057% |
| 174 | 13.323 | 13.313 | 13.364 | VV | 1545   | 33772   | 0.73%  | 0.020% |
| 175 | 13.417 | 13.364 | 13.449 | VV | 12871  | 230955  | 4.98%  | 0.134% |
|     |        |        |        |    |        |         |        |        |
| 176 | 13.484 | 13.449 | 13.501 | VV | 2038   | 45626   | 0.98%  | 0.026% |
| 177 | 13.525 | 13.501 | 13.544 | VV | 5974   | 80138   | 1.73%  | 0.046% |
| 178 | 13.563 | 13.544 | 13.588 | VV | 9393   | 122894  | 2.65%  | 0.071% |
| 179 | 13.603 | 13.588 | 13.631 | VV | 2057   | 44663   | 0.96%  | 0.026% |
| 180 | 13.668 | 13.631 | 13.679 | VV | 8680   | 128273  | 2.76%  | 0.074% |
|     |        |        |        |    |        |         |        |        |
| 181 | 13.693 | 13.679 | 13.713 | VV | 10575  | 127973  | 2.76%  | 0.074% |
| 182 | 13.733 | 13.713 | 13.772 | VV | 7883   | 103997  | 2.24%  | 0.060% |
| 183 | 13.806 | 13.772 | 13.835 | VV | 1381   | 30289   | 0.65%  | 0.018% |
| 184 | 13.888 | 13.835 | 13.915 | PV | 1383   | 40393   | 0.87%  | 0.023% |
| 185 | 13.941 | 13.915 | 13.958 | VV | 674    | 12589   | 0.27%  | 0.007% |
|     |        |        |        |    |        |         |        |        |
| 186 | 13.998 | 13.958 | 14.011 | VV | 1190   | 20388   | 0.44%  | 0.012% |
| 187 | 14.027 | 14.011 | 14.042 | VV | 1436   | 16953   | 0.37%  | 0.010% |
| 188 | 14.115 | 14.042 | 14.130 | VV | 3783   | 117457  | 2.53%  | 0.068% |
| 189 | 14.148 | 14.130 | 14.188 | VV | 7209   | 120864  | 2.60%  | 0.070% |
| 190 | 14.226 | 14.188 | 14.269 | VV | 7119   | 155503  | 3.35%  | 0.090% |
|     |        |        |        |    |        |         |        |        |
| 191 | 14.286 | 14.269 | 14.299 | VV | 2606   | 39571   | 0.85%  | 0.023% |
| 192 | 14.325 | 14.299 | 14.365 | VV | 7820   | 158765  | 3.42%  | 0.092% |
| 193 | 14.387 | 14.365 | 14.408 | VV | 13261  | 168975  | 3.64%  | 0.098% |
| 194 | 14.450 | 14.408 | 14.488 | VV | 6072   | 129370  | 2.79%  | 0.075% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 14.509 | 14.488 | 14.529 | VV | 2728   | 39512   | 0.85%  | 0.023% |
| 196 | 14.545 | 14.529 | 14.555 | VV | 1836   | 23562   | 0.51%  | 0.014% |
| 197 | 14.571 | 14.555 | 14.608 | VV | 3250   | 53329   | 1.15%  | 0.031% |
| 198 | 14.652 | 14.608 | 14.669 | VV | 4757   | 67237   | 1.45%  | 0.039% |
| 199 | 14.857 | 14.814 | 14.885 | VV | 11677  | 198019  | 4.27%  | 0.115% |
| 200 | 14.895 | 14.885 | 14.915 | VV | 3316   | 49649   | 1.07%  | 0.029% |
| 201 | 14.925 | 14.915 | 14.936 | VV | 2105   | 22925   | 0.49%  | 0.013% |
| 202 | 14.943 | 14.936 | 14.969 | VV | 1923   | 20805   | 0.45%  | 0.012% |
| 203 | 15.006 | 14.969 | 15.023 | PV | 4188   | 69060   | 1.49%  | 0.040% |
| 204 | 15.035 | 15.023 | 15.095 | VV | 3662   | 95834   | 2.06%  | 0.056% |
| 205 | 15.145 | 15.095 | 15.219 | VV | 17162  | 412797  | 8.89%  | 0.239% |
| 206 | 15.234 | 15.219 | 15.249 | VV | 2205   | 31531   | 0.68%  | 0.018% |
| 207 | 15.279 | 15.249 | 15.306 | VV | 7700   | 128066  | 2.76%  | 0.074% |
| 208 | 15.325 | 15.306 | 15.336 | VV | 3467   | 47892   | 1.03%  | 0.028% |
| 209 | 15.366 | 15.336 | 15.388 | VV | 15551  | 257399  | 5.55%  | 0.149% |
| 210 | 15.403 | 15.388 | 15.432 | VV | 7776   | 122872  | 2.65%  | 0.071% |
| 211 | 15.453 | 15.432 | 15.465 | VV | 3294   | 52175   | 1.12%  | 0.030% |
| 212 | 15.525 | 15.465 | 15.561 | VV | 9346   | 301651  | 6.50%  | 0.175% |
| 213 | 15.603 | 15.561 | 15.626 | VV | 4627   | 112775  | 2.43%  | 0.065% |
| 214 | 15.687 | 15.626 | 15.711 | VV | 5171   | 164510  | 3.54%  | 0.095% |
| 215 | 15.733 | 15.711 | 15.748 | VV | 3556   | 74042   | 1.60%  | 0.043% |
| 216 | 15.777 | 15.748 | 15.820 | VV | 9455   | 240677  | 5.19%  | 0.139% |
| 217 | 15.834 | 15.820 | 15.845 | VV | 3571   | 49350   | 1.06%  | 0.029% |
| 218 | 15.862 | 15.845 | 15.875 | VV | 3251   | 55792   | 1.20%  | 0.032% |
| 219 | 15.893 | 15.875 | 15.910 | VV | 3604   | 66636   | 1.44%  | 0.039% |
| 220 | 15.978 | 15.910 | 16.013 | VV | 7160   | 307512  | 6.63%  | 0.178% |
| 221 | 16.036 | 16.013 | 16.047 | VV | 6702   | 116498  | 2.51%  | 0.068% |
| 222 | 16.067 | 16.047 | 16.093 | VV | 9046   | 206572  | 4.45%  | 0.120% |
| 223 | 16.161 | 16.093 | 16.198 | VV | 11093  | 502558  | 10.83% | 0.291% |
| 224 | 16.375 | 16.310 | 16.400 | VV | 20878  | 596724  | 12.86% | 0.346% |
| 225 | 16.414 | 16.400 | 16.449 | VV | 10783  | 286570  | 6.17%  | 0.166% |
| 226 | 16.467 | 16.449 | 16.478 | VV | 9977   | 164823  | 3.55%  | 0.096% |
| 227 | 16.498 | 16.478 | 16.507 | VV | 9993   | 161127  | 3.47%  | 0.093% |
| 228 | 16.564 | 16.507 | 16.594 | VV | 45576  | 1080032 | 23.27% | 0.626% |
| 229 | 16.622 | 16.594 | 16.660 | VV | 53270  | 916796  | 19.75% | 0.531% |
| 230 | 16.721 | 16.660 | 16.756 | VV | 29696  | 943570  | 20.33% | 0.547% |
| 231 | 16.775 | 16.756 | 16.804 | VV | 15887  | 400042  | 8.62%  | 0.232% |
| 232 | 16.876 | 16.804 | 16.908 | VV | 16759  | 931428  | 20.07% | 0.540% |
| 233 | 16.930 | 16.908 | 16.944 | VV | 16782  | 338499  | 7.29%  | 0.196% |
| 234 | 16.987 | 16.944 | 17.010 | VV | 21103  | 753832  | 16.24% | 0.437% |
| 235 | 17.029 | 17.010 | 17.068 | VV | 20237  | 615205  | 13.26% | 0.357% |
| 236 | 17.165 | 17.068 | 17.187 | VV | 25788  | 1476684 | 31.82% | 0.856% |
| 237 | 17.204 | 17.187 | 17.220 | VV | 21526  | 400475  | 8.63%  | 0.232% |
| 238 | 17.235 | 17.220 | 17.253 | VV | 21165  | 377931  | 8.14%  | 0.219% |
| 239 | 17.278 | 17.253 | 17.307 | VV | 25797  | 701798  | 15.12% | 0.407% |
| 240 | 17.334 | 17.307 | 17.357 | VV | 20757  | 603163  | 13.00% | 0.350% |
| 241 | 17.376 | 17.357 | 17.385 | VV | 19637  | 315436  | 6.80%  | 0.183% |
| 242 | 17.400 | 17.385 | 17.413 | VV | 20040  | 332312  | 7.16%  | 0.193% |
| 243 | 17.460 | 17.413 | 17.471 | VV | 20689  | 695116  | 14.98% | 0.403% |
| 244 | 17.499 | 17.471 | 17.520 | VV | 23162  | 622127  | 13.40% | 0.361% |
| 245 | 17.599 | 17.520 | 17.631 | VV | 35976  | 1706405 | 36.77% | 0.989% |
| 246 | 17.645 | 17.631 | 17.665 | VV | 24086  | 470582  | 10.14% | 0.273% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 17.747 | 17.665 | 17.769 | VV | 35075 | 1723730 | 37.14% | 0.999% |
| 248    | 17.777 | 17.769 | 17.819 | VV | 29995 | 808953  | 17.43% | 0.469% |
| 249    | 17.845 | 17.819 | 17.865 | VV | 27725 | 712806  | 15.36% | 0.413% |
| 250    | 17.893 | 17.865 | 17.937 | VV | 34288 | 1281942 | 27.62% | 0.743% |
|        |        |        |        |    |       |         |        |        |
| 251    | 17.983 | 17.937 | 18.005 | VV | 59714 | 1597249 | 34.42% | 0.926% |
| 252    | 18.020 | 18.005 | 18.051 | VV | 41596 | 957130  | 20.62% | 0.555% |
| 253    | 18.069 | 18.051 | 18.088 | VV | 31992 | 681873  | 14.69% | 0.395% |
| 254    | 18.113 | 18.088 | 18.132 | VV | 43678 | 962597  | 20.74% | 0.558% |
| 255    | 18.147 | 18.132 | 18.204 | VV | 38131 | 1429723 | 30.81% | 0.829% |
|        |        |        |        |    |       |         |        |        |
| 256    | 18.237 | 18.204 | 18.265 | VV | 60666 | 1477010 | 31.82% | 0.856% |
| 257    | 18.275 | 18.265 | 18.291 | VV | 32469 | 500055  | 10.77% | 0.290% |
| 258    | 18.321 | 18.291 | 18.340 | VV | 34389 | 981118  | 21.14% | 0.569% |
| 259    | 18.369 | 18.340 | 18.394 | VV | 39419 | 1126336 | 24.27% | 0.653% |
| 260    | 18.422 | 18.394 | 18.452 | VV | 43584 | 1309317 | 28.21% | 0.759% |
|        |        |        |        |    |       |         |        |        |
| 261    | 18.479 | 18.452 | 18.501 | VV | 34589 | 999521  | 21.54% | 0.579% |
| 262    | 18.528 | 18.501 | 18.552 | VV | 40992 | 1148409 | 24.74% | 0.666% |
| 263    | 18.576 | 18.552 | 18.608 | VV | 43120 | 1310677 | 28.24% | 0.760% |
| 264    | 18.617 | 18.608 | 18.651 | VV | 37808 | 977323  | 21.06% | 0.566% |
| 265    | 18.671 | 18.651 | 18.681 | VV | 42344 | 731962  | 15.77% | 0.424% |
|        |        |        |        |    |       |         |        |        |
| 266    | 18.704 | 18.681 | 18.729 | VV | 41773 | 1157980 | 24.95% | 0.671% |
| 267    | 18.749 | 18.729 | 18.767 | VV | 43059 | 945184  | 20.37% | 0.548% |
| 268    | 18.817 | 18.767 | 18.845 | VV | 49801 | 2117104 | 45.62% | 1.227% |
| 269    | 18.857 | 18.845 | 18.886 | VV | 45375 | 1075576 | 23.17% | 0.623% |
| 270    | 18.924 | 18.886 | 18.969 | VV | 48703 | 2249270 | 48.46% | 1.304% |
|        |        |        |        |    |       |         |        |        |
| 271    | 18.990 | 18.969 | 18.998 | VV | 44954 | 760538  | 16.39% | 0.441% |
| 272    | 19.038 | 18.998 | 19.063 | VV | 47234 | 1764972 | 38.03% | 1.023% |
| 273    | 19.096 | 19.063 | 19.114 | VV | 48045 | 1441617 | 31.06% | 0.836% |
| 274    | 19.125 | 19.114 | 19.150 | VV | 47549 | 1020019 | 21.98% | 0.591% |
| 275    | 19.203 | 19.150 | 19.217 | VV | 55183 | 2022359 | 43.57% | 1.172% |
|        |        |        |        |    |       |         |        |        |
| 276    | 19.235 | 19.217 | 19.255 | VV | 53769 | 1190504 | 25.65% | 0.690% |
| 277    | 19.265 | 19.255 | 19.293 | VV | 51019 | 1147906 | 24.73% | 0.665% |
| 278    | 19.325 | 19.293 | 19.355 | VV | 56871 | 2011139 | 43.33% | 1.166% |
| 279    | 19.387 | 19.355 | 19.414 | VV | 64049 | 2045081 | 44.06% | 1.185% |
| 280    | 19.456 | 19.414 | 19.480 | VV | 68357 | 2393453 | 51.57% | 1.387% |
|        |        |        |        |    |       |         |        |        |
| 281    | 19.514 | 19.480 | 19.524 | VV | 61850 | 1611447 | 34.72% | 0.934% |
| 282    | 19.546 | 19.524 | 19.565 | VV | 72562 | 1650845 | 35.57% | 0.957% |
| 283    | 19.575 | 19.565 | 19.601 | VV | 66213 | 1349786 | 29.08% | 0.782% |
| 284    | 19.621 | 19.601 | 19.654 | VV | 61997 | 1958141 | 42.19% | 1.135% |
| 285    | 19.672 | 19.654 | 19.685 | VV | 62190 | 1098671 | 23.67% | 0.637% |
|        |        |        |        |    |       |         |        |        |
| 286    | 19.767 | 19.685 | 19.795 | VV | 76774 | 4393477 | 94.66% | 2.546% |
| 287    | 19.845 | 19.795 | 19.891 | VV | 75128 | 4125163 | 88.88% | 2.391% |
| 288    | 19.938 | 19.891 | 19.968 | VV | 76160 | 3310227 | 71.32% | 1.919% |
| 289    | 19.974 | 19.968 | 19.985 | VV | 70295 | 700198  | 15.09% | 0.406% |
| 290    | 20.007 | 19.985 | 20.019 | VV | 74376 | 1490051 | 32.11% | 0.864% |
|        |        |        |        |    |       |         |        |        |
| 291    | 20.027 | 20.019 | 20.047 | VV | 73956 | 1226393 | 26.42% | 0.711% |
| 292    | 20.100 | 20.047 | 20.137 | VV | 79035 | 4145968 | 89.33% | 2.403% |
| 293    | 20.161 | 20.137 | 20.171 | VV | 79872 | 1615890 | 34.82% | 0.937% |
| 294    | 20.179 | 20.171 | 20.208 | VV | 79262 | 1759580 | 37.91% | 1.020% |
| 295    | 20.219 | 20.208 | 20.228 | VV | 79185 | 922916  | 19.89% | 0.535% |
|        |        |        |        |    |       |         |        |        |
| 296    | 20.289 | 20.228 | 20.319 | VV | 86508 | 4410354 | 95.03% | 2.556% |
| 297    | 20.339 | 20.319 | 20.361 | VV | 85055 | 2145282 | 46.22% | 1.243% |
| 298    | 20.397 | 20.361 | 20.408 | VV | 84610 | 2349274 | 50.62% | 1.362% |
| 299    | 20.429 | 20.408 | 20.462 | VV | 83640 | 2626231 | 56.59% | 1.522% |

|     |        |        |        |     |                         |           |        |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|--------|--------|
|     |        |        |        |     |                         | rters     |        |        |
| 300 | 20.513 | 20.462 | 20.531 | VV  | 84126                   | 3454520   | 74.43% | 2.002% |
| 301 | 20.550 | 20.531 | 20.571 | VV  | 85146                   | 1969568   | 42.44% | 1.142% |
| 302 | 20.590 | 20.571 | 20.611 | VV  | 84411                   | 2040207   | 43.96% | 1.182% |
| 303 | 20.640 | 20.611 | 20.703 | VV  | 84646                   | 4366072   | 94.07% | 2.531% |
| 304 | 20.747 | 20.703 | 20.775 | VV  | 76655                   | 3217450   | 69.32% | 1.865% |
| 305 | 20.803 | 20.775 | 20.810 | VV  | 76941                   | 1611641   | 34.73% | 0.934% |
| 306 | 20.826 | 20.810 | 20.854 | VV  | 78337                   | 2018382   | 43.49% | 1.170% |
| 307 | 20.905 | 20.854 | 20.918 | VV  | 78446                   | 2952656   | 63.62% | 1.711% |
| 308 | 20.940 | 20.918 | 21.007 | VV  | 78078                   | 3930688   | 84.69% | 2.278% |
| 309 | 21.048 | 21.007 | 21.081 | VV  | 73175                   | 3205998   | 69.08% | 1.858% |
| 310 | 21.108 | 21.081 | 21.158 | VV  | 73255                   | 3288397   | 70.85% | 1.906% |
| 311 | 21.168 | 21.158 | 21.199 | VV  | 69859                   | 1696050   | 36.54% | 0.983% |
| 312 | 21.219 | 21.199 | 21.231 | VV  | 69654                   | 1336846   | 28.80% | 0.775% |
| 313 | 21.239 | 21.231 | 21.247 | VV  | 68707                   | 652633    | 14.06% | 0.378% |
| 314 | 21.258 | 21.247 | 21.308 | VV  | 69186                   | 2470194   | 53.22% | 1.432% |
| 315 | 21.319 | 21.308 | 21.368 | VV  | 66064                   | 2293513   | 49.42% | 1.329% |
| 316 | 21.394 | 21.368 | 21.442 | VV  | 63274                   | 2745298   | 59.15% | 1.591% |
| 317 | 21.483 | 21.442 | 21.544 | VV  | 65108                   | 3845486   | 82.86% | 2.229% |
| 318 | 21.557 | 21.544 | 21.569 | VV  | 61238                   | 905428    | 19.51% | 0.525% |
| 319 | 21.574 | 21.569 | 21.583 | VV  | 61024                   | 507831    | 10.94% | 0.294% |
| 320 | 21.602 | 21.583 | 21.612 | VV  | 59877                   | 1036405   | 22.33% | 0.601% |
| 321 | 21.618 | 21.612 | 21.641 | VBA | 60020                   | 1143969   | 24.65% | 0.663% |
|     |        |        |        |     | Sum of corrected areas: | 172536199 |        |        |

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